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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Mark G. Obukowicz et al.  
Serial No. 09/737,892  
Filed December 15, 2000  
Confirmation No. 2003  
For SELECTIVE COX-2 INHIBITION FROM PLANT EXTRACTS  
Examiner Michael V. Meller

Art Unit 1651

December 2, 2002

**RESPONSE TO FINAL OFFICE ACTION**

TO THE ASSISTANT COMMISSIONER FOR PATENTS,  
SIR:

In response to the Office action dated July 15, 2002, please enter the following amendments:

**AMENDMENTS****IN THE CLAIMS:**

Please amend the claims as follows:

1. (amended) A method of treating an organism for a condition which is mediated by COX-2 expression, the method comprising the step of administering to the organism a composition comprising a therapeutically or prophylactically effective COX-2 inhibiting amount of an organic extract of an edible plant, wherein the extract selectively inhibits the activity of COX-2 relative to COX-1, and the inhibitory effect of the extract on COX-2 activity is greater than or equal to about 2 times greater than the inhibitory effect of the extract on COX-1 activity as determined in vitro by an IC<sub>50</sub> ratio of COX-1/COX-2.

2. (amended) The method of claim 1 wherein the inhibitory effect of the extract on COX-2 activity is greater than or equal to about 10 times greater than the inhibitory effect of the extract on COX-1 activity.

3. (amended) A method of treating an organism for a condition which is mediated by COX-2 expression, the method comprising the step of administering to the organism a composition